



Stantec

Stantec Consulting Services, Inc.
1901 Nelson Miller Parkway
Louisville, Kentucky 40223-2177
Tel: (502) 212-5000
Fax: (502) 212-5055

December 17, 2008
File: LV2008008

Kentucky Office of the 911 Coordinator/CMRS Board
200 Mero Street
Frankfort, KY 40622

Attention: Mr. Ralph Coldiron

Dear Mr. Coldiron:

**Reference: CMRS Geospatial Audit
Carter County Enhanced 911
315 W. Second Street
Grayson, KY 41143**

The Geospatial Audit of Carter County Enhanced 911 located in Carter County was conducted on 12/3/2008. Carter County Enhanced 911 provides wireless 9-1-1 service for Carter County.

PSAP MAPPING SUMMARY

Information on the mapping solution employed by the PSAP was collected as part of the audit process, which includes the type of software and system, the vendor, the version and the layers being used at the time of the audit. In addition, this summary may include notes and observations taken while conducting the audit. 202 KAR 6:100 specifies the requirements of mapping software used in certified PSAPs. The software used by Carter County Enhanced 911 meets this requirement.

FIELD DATA TESTING

In accordance to the requirements of the Geospatial Audit, 20 random points for jurisdiction of the PSAP or for each county served by the PSAP were tested by collecting field GPS information and address information and comparing the results of plotting the two elements with the 9-1-1 solution employed by the PSAP. The result of this portion of the audit is that 90% of the points tested met the criteria of the Audit. Passing criteria is that 90% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 4.

WIRELESS 9-1-1 FUNCTION

In accordance to the requirements of the Geospatial Audit, 20 wireless 9-1-1 calls were documented for data, software, and mapping function. The result of this portion of the audit is that 85% of the calls documented met the criteria of the Audit. Passing criteria is that 66% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 3.

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Reference: CMRS Geospatial Audit

CONCLUSION

Mapping Component	<u>Meets audit criteria</u>
Field Data Component	<u>Meets audit criteria with</u> 90% of points tested meeting criteria
Wireless Data Component	<u>Meets audit criteria with</u> 85% of calls tested meeting criteria

Based on the results of the audit, Carter County Enhanced 911 meets the standards set by legislation and administrative regulation.

The detailed documentation of the audit with observations and recommendations is attached. The documentation is separated into a report of the software and data used by the PSAP with observations and recommendations; Field Data Report; and Wireless Data Report. Please note that supporting printouts and printed maps are included in the electronic copy of this report.

Sincerely,

Stantec Consulting Services Inc.

James B. Morse
GIS Project Manager
Tel: (502) 212-5044
Fax: (502) 212-5055
James.morse@stantec.com

Attachment: Report Details

c. Files

j v:\1756\active\175658008\gis\merged summary letter.doc

PSAP Mapping Component Summary

PSAP Name Carter County Enhanced 911

Address 315 W. Second Street

Audit Date 12/3/2008

City Grayson

Audit Personnel MCCORMICKS

Contact Tom Thompson

Contact Title Director

Software	Version	Vendor
EMERGITECH	UNKNOWN	EMERGITECH

Mapping Layers Used

Road Centerlines: ☒

Point Addresses: ☒

Ortho Photography: ☒

Other Layers: ☐ Type of 'other' layers used by PSAP:

The map has three layers: Roads, Addresses, Ortho

Notes and Observations:

Observations and comments: (1) Map updates and new addresses have been tracked and placed in the mapping department software but have not been down loaded into the PSAP map. The PSAP map update should be available shortly.

The map was last updated approximately 2 year ago - November 2006, no standard frequency for updates. The data for the map is supplied by Five County Area Development District and the data is entered into the map by Emegitech

The data from the map and the wireless calls were obtained by Don Craft